3	178	324			425	545	599	785	905	1025	1145	1265	1385	1505	1625	1745	1868	2027 2027 2027 2034 204 204 3140
200272007271174	GCGCCTGAGCGTTTGCGCGGCGGCGGCGCTCTCTCGGCTCCCGCTTCCTTTGACCGCCTCCCCCCCC	TI TTCTTCCTTCCCTCCTCGCCGCCACCGGCCGGGCCGGGGGGGG	Met ser gin val gin ean pro ser ala ala leu ser gin val gin val gin ean pro ser ala ala leu ser giy ser gin ile leu asn Il CTTCATAGCACTGAATTAACCTGCACTGTATACCTGCATTTGTTGAAAGTGACC ATG TCT CAA GTT CAA GTT CAG AAC CCA TCT GCT GCT CTC TCA GGG AGC CAA ATA CTG AAC	lys asn gin ser leu ser gin pro leu met ser ile pro ser thr thr ser ser leu pro ser glu asn ala gly arg pro ile gin asn ser ala leu pro ser ala ser ile thr Ti AAG AAC CAG TCT CTT CTC TCA CAG CCT TTG ATG ACT TCT ACT ACT ACT TCT CTG CCC TCT GAA AAT GCA GGT AGA CCC ATT CAA AAC TCT GCT TTA CCC TCT GCA TCT ATT ACA	ser thr ser ala ala ala glu ser ile thr pro thr val glu leu asn ala leu cys met lys leu gly lys lys pro met tyr lys pro val asp pro tyr ser arg met gln ser thr Trc acc act act gra gal arg act	pro val pro pro leu leu tyr gin val giu leu ser val gly gly gin gin phe asn CCA GTT CCA CCT TTA CTT TAT CAA GTG GAA CTT TCT GTG GGA GGA CAG CAA TTT AAT	ABDICATIONS THE ARGEST AND ACT OFT OFT OF AND OFFE AND OFFE AND OFFE OFFE OFFE OFFE OFFE OFFE OFFE OFF	er glu ile ser gln val phe glu ile ala leu lys arg asn leu pro val asn phe glu val ala arg glu se Cr gwa ara agr cwa gre trr gae atr gca ctr awa cge aac tro ccr gre awr tro gae gre gco cge gae ag	RBD2< 142 gly glu phe val gly glu gly glu gly lys ser lys lys lys lys asn ala ala lle ala val leu glu glu leu lys lys leu pro pro leu pro ala val glu arg val lys 606 6A6 TTT GTG GGG GAA GGT GAA GGC AAG AAG ATT TCA AAG AAA AAT GCC GCC ATA GCT GTT GAG GAG CTG AAG TTA CCG CCC CTG CCT GCA GTT GAA CGA GTA AAG	ARBUS.  182 pro arg ile lys lys thr lys pro ile val lys pro glu thr ser pro glu tyr gly gln gly ile asn pro ile ser arg leu ala gln ile gln gln ala lys iys glu lys glu  CCT AGA ATC AAA AAA ACA AAA CCC ATA GTC AAG CCA AAA AGC CCA GAA TAT GGC CAG GGG ATC AAT CCG ATT AGC CGA CTG GCC CAG ATC CAG GCA AAA AAG GAG AAG AAG GAG AAG AAG GAG AAG GAG AAG GAG AAG AAG AAG GAG AAG AAG A	222 pro glu tyr thr leu thr glu arg gly leu pro arg arg glu phe val met gln val lye val gly asn his thr ala glu gly thr asn lye val ala lye arg cc and add cda ogc crc ccg cdc cdc cdc cdc and cdd arg cdc cdc cdc cdc cdc cdc arc arc arc arc arc arc arc arc arc ar	gly phe lys val pro gln arg gln pro thr GGT TTC AAA GTC CCG CAG CGG CAG CCC ACC	302 val thr phe glu pro gly ser gly asp glu asn gly thr ser asn lys glu asp glu phe arg met pro tyr leu ser his gln leu pro ala gly ile leu pro met val pro GTA ACC TTT TTT GAA CCT GGC TCT GGG GAT GAA AAT AAT AAA GAG GAT GAG TTC AGG ATG CCT TAT CTA AGT CAT CAG CTG CCT GCT GCT GGA ATT CTT CCC ATG GTG CCC	sens.  342 glu val ala val gly val ser gln gly his thr lys asp phe thr arg ala ala pro asa lys ala thr val thr ala met ile ala arg glu leu leu tyr gly gag grc gcc cag gcr gra ggr agr agr car cac acc aca acr rcc aga gcr cca aar ccr gcc aag gcc acg gra acr arg ara arg cr ag gra rrg rrg rrg rrg rar aga	382 gly thr ser pro thr ale glu thr ile leu lys asm asm ile ser gly his val pro his gly pro leu thr arg pro ser glu glm leu asp tyr leu ser arg val glm gly phe ggc ACC ACC ACC ACC ACC ACC ACC ACC ACC AC	ARD4  422 gln val glu tyr lys asp phe pro lys asn glu phe val ser leu ile asn cys ser ser gln pro pro leu ile ser his gly lys asp val glu ser cys his  CAG GTT GAA TAC AAA GAC TTC CCC AAA AAC AAC AAA AAC AAA TTT GTA TCT CTT ATC AAT TGC TCC TCT CAG CCT CTG ATC AGC CAT GGT ATC GGC AAA GAT GTG GAA TCT TGC TGC CAT  BADA4	ser glu leu asp gln gln ser thr glu met pro arg thr gly asn gly pro met ser val cys gly arg TCT GAG TTG GAC CAA CAA AGT ACA GAG ATG CCA AGA ACA GGA AAC GGA CCA ATG TCT GTG TGT GGG AGG	GAACCATTATAAATCCCAACATATATCTGAAAATACTGAAAATTTTGGAATTTCTGATACCCCCAGGGGGGTGGGT

ACTICITACCE AGACTACTA AGACTACTA CARATTA COSCO ACTACA COSCO ACTACA TATACACTACCACTACCACACACACACACACA		151
T1 COTCCTTCTTCCTCTCCTTTTTCCTTCTTCCTTCCTCCCCCC	N	249
	. A OCA GCA GCA GCA GA	
#22 #3 #4 CTCACTGCAACCTCCCAGGTCAGGAATTTCCCACTTCAGCTCCCGAAAAAAGTGAAAATACAGGAGTTATTAACCACTTAACCTCTC	aottattaancchctrancctctcharacharancharachatottotcharachcharanananananananananananananananananana	
Mot ser gin val gin val T3 CTTCATAGCACTGAATTAACCTGCACTGAAAAGCTGTTACCTGCATTTGTTCACTTTTGTTGAAAAGTGACC ATG TCT CAA GTT CAA GTG	ash pro ser ala ala leu ser gly ser gln ile leu ash AAC CCA TCT GCT GCT CTC TCA GGG AGC CAA ATA CTG AAC	
lys asn gin ser leu leu ser gin pro leu met ser ile pro ser thr thr ser ser leu pro ser giu asn T3 AAG AAC CAG TCT CTT CTC TCA CAG CCT TTG AAG AAT ATT CCT TCT ACT ACT AGC TCT CTG CCC TCT GAA AAT	pro ile gin asn ser ala leu pro ser ala ser ile thr ccc arr caa aac rcr ecr rra ccc rcr ecr arr aca	
ser the ser ala ala ala glu ser 11e the pro the val glu leu ash ala leu dys met lys leu gly lys  AAAGCATAACCCTACTGTACATAACCATAACCATATGCACTGTGC ATG AAA CTF GGA AAA  T2  T2  TC ACC ACT GCA GCA GAA AGC ATA ACC CCT ACT GTA GAA CTA AAT GCA CTG TGC TGC TGC ATG AAA  AAAGCATAACCCCTACTGCAAAA CTA AAGCATAACCACTGTGCACG ATG AAA CTF GGA AAA  AAAGCATAAACCCCTACTGCAAAACTAAAACACACTGTGCATG AAA CTF GGA AAA  AAAGCATAAACCCCTACTGCAAAAACTAAAACACACTGTGC ATG AAA CTF GGA AAA	tyr lys pro val asp pro tyr ser arg met gln ser thr far Aas ccr off dac ccr tac tcr cos ans cas rcc acc 3 tar Aas ccr off dac ccr tac for cos and cas rcc (+ tar Aas ccr off dac ccr tac for cos and cas rcc (+3 tar Aas ccr off dac ccr tac for cos and cas rcc (+3 tar Aas ccr off dac ccr tac for cos and cas rcc (+3	350 (+ 75) (+364) (+207)
22 tyr asn tyr asn met ang gly gly ala tyr pro pro ang tyr phe tyr pro phe pro val pro pro leu leu Tar aac tac aac are ach egn egn for tar ccc ccs age tar fir fac cca fir cch eff cth cir	glu leu ser val gly gly gln gln phe asn gly lys gly gaa car rer gre gea gea cae cae can rer aar gee aan gea	545
52 lys thr arg gin alm alm lys his map alm alm lys alm leu arg ile leu gin man glu pro leu pro And ACA ACA ACA GCT GCG AAA CAC GAT GCT GCT GCC AAA GCG TTG AGG ATC CTG CAG AAT GAG CC CTG CCA	glu val asn gly arg glu ser glu glu glu asn leu asn dag ere aar dea aaa daa ree gaa gaa gaa aar ere aar	665
AND AND SECTION OF SECTION OF A STATE OF SECTIONS AND AND SECTION OF AND SECTION OF SECTIONS AND	pro pro his met lys asn phe val the lys val ser val CCA CCC CAC ANG ANG THT ONG ACC ANG GTT FCG OFF	785
142 gly glu phe val gly glu gly glu gly lys ser lys lys sie ser lys lys ass ala ala ale ala val leu ggg gag tit grg ggg gaa ggt gaa agg aaa agg aag aag aa	lys lys leu pro pro leu pro ala val glu arg val lys ang ang ria ccg ccc crg ccr gca grf gan cga gia ang	800
JAGUS PRO ANG 11s lys lys the lys pro 11s val lys pro gln the ser pro glu tyr gly gln gly 11s asn pro CCT AGA ATC AAA AAG AAA ACA AAA CCC ATA GTC AAG CCA CAG ACA AGC CCA GAA TAF GGC CAG GGG ATC AAT CCG	arg leu ala gin ile gin gin ala lys lys giu lys giu can cro occ cno arc cno cno oca ana ano ano ano ano	1025
222 pro glu tyr thr leu leu thr glu ærg gly leu pro ærg ærg glu phe væl met gln væl lyæ væl gly CCA GAG TAC ACG CTC CTC ACA GAG CGA GGC CTC CCG CGC AGG GAG TTT GTG ATG CAG GTG AAG GTT GGA EBD3	ala glu gly thr gly thr asn lys lys val ala lys arg GCA GAA GGA ACG ACC AAG AAG GTG GCC AAG CGC 11	1145
gly phe lys val pro gln ang gln pro thr dor rrc aas ore ees eas es exc	glu lys the pro ile lys lys pro gly asp gly arg lys ang ang aca ccc ata ang ana cca agg ang aga aga ana 12	1265
302 val the pla pla glu pro gly ser gly amp glu am gly the ser am lys glu amp glu ple and met pro gra acc TTT gla cct ooc TTT ood and old ood and cct ooc TTT ood and cct ooc TTT ood and cct ook and	pro ala gly ile let pro met val pro cor ocr ocr oak arr crr co are one co	1385
342 glu val ala gin ala val gly val ser gin gly his his thr lys asp phe thr arg ala ala pro asn pro ago gro gcc cag gcr gcr car car car car car car car car car c	TRD>  thr val thr ale met ile ale arg glu leu leu tyr gly Acc ora acr occ arg ara acc caa aag fro fro fat ego 15	1505
182 gly the set pro the alm glu the ile leu lys asm asm ile set set gly his val pro his gly pro leu ggc acc aca acc can gao acc at tha and and and are new fich ode can gra coc can gga cer en	sp tyr leu ser arg val gln gly phe AC far cir rcc aga gre chg gga rrc	1625
422 gin val glu tyr lys asp phe pro lys asn asn lys asn glu phe val ser leu ile asn cys ser ser gin CAG GTT GAA TAC AAA GAC TTC CCC AAA AAC AAC AAG AAC GAA TTT GTA TCT CTT ATC AAT TGC TCT TCT CAG	val glu ser dys his Gro GAG TCC foc CAT	1745
ABOVE. 462 ASP met ala ala leu asm 11e leu lys leu leu ser glu leu asp glm gim ser thr glu met pro arg thr GAT ATG GCG CTG AAC ATC TTA AAG TTG CTG TCT GAG TTG GAC CAA CAA AGT ACA GAG ATG CCA AGA ACA	496 pro met ser val dys gly arg dys *** cca are for for dog age for for act arguectar is	1868
GAACCHTHANAAFCCCAACALMATACTGAAACTGCTTGAAAATTTGGAAFTTCTATACCTCCAGTGGGCCCAGTGGGTAAGGACTGCGGCAGCAGCAGGAAGAACAACAGAAACGGGCTTTGTATTTTTTTT		2027 2186 2345 2504 2663 2822 2981 3140

841

601

721

361

481

213

Š

1891

	→ Ri	3D1
HUM	MKLGKKPMYKPVDPYSRMQSTYNYNMRGGAYPPRYFYPFPVPPLLYQVELSVGGQQFNGK	60
MUS	MYKPVDPHSRMQSTYSYGMRGGAYPPRYFYPFPVPPLLYQVELSVGGQQFNGK	
	RBD1← → RBD2	
HUM	GKTRQAAKHDAAAKALRILQNEPLPERLEVNGRESEEENLNKSEISQVFEIALKRNLPVN	120
MUS	GKMRPPVKHDAPARALRTLQSEPLPERLEVNGREAEEENINKSEISQVFEIALKRNLPVN	
	RBD2 €	
HUM	FEVARESGPPHMKNFVTKVSVGEFVGEGEGKSKKISKKNAAIAVLEELKKLPPLPAVERV	180
MUS	FEVARESGPPHMKNFVTRVSVGEFVGEGEGKSKKISKKNAARAVLEQLRRLPPLPAVERV	
	→ RBD3	
HUM	KPRIKKKTKPIVKPQTSPEYGQGINPISRLAQIQQAKKEKEPEYTLLTERGLPRRREFVM	240
MUS	KPRIKKKSQPTCKTAPDYGQGMNPISRLAQIQQAKKEKEPEYMLLTERGLPRRREFVM	
	RBD3← → TBD	
HUM	QVKVGNHTAEGTGTNKKVAKRNAAENMLEILGFKVPQRQPTKPALKSEEKTPIKKPGDGR	300
MUS	QVKVGHHTAEGVGTNKKVAKRNAAENMLEILGFKVPQAQPAKPALKSEEKTPVKKPGDGR	
HUM	KVTFFDPGSGDENGTSNKEDEFRMPYLSHQQLPAGILPMVPEVAQAVGVSQGHHTKDFTR	360
MUS	KVTFFEPSPGDENGTSNKDEEFRMPYLSHQQLPAGILPMVPEVAQAVGVSQGHHTKDFTR	
	TBD <b>←</b>	
HUM	AAPNPAKATVTAMIARELLYGGTSPTAETILKNNISSGHVPHGPLTRPSEQLDYLSRVQG	420
MUS	AAPNPAKATVTAMIARELLYGGTSPTAETILKSNISSGHVPHGPRTRPSEQLYYLSRAQG	
	→ RBD4 RBD4 €	
HUM	FQVEYKDFPKNNKNEFVSLINCSSQPPLISHGIGKDVESCHDMAALNILKLLSELDQQST	480
MUS	FQVEYKDFPKNNKNECVSLINCSSQPPLVSHGIGKDVESCHDMAALNILKLLSELDQQST	
HUM	EMPRTGNGPMSVCGRC*	496
	:::::::::::::::::::::::::::::::::::::::	
MUS	EMPRTGNGPVSACGTC*	

(株式の大きなないのでは、おり、大きななない。

	<b>A</b> )
Divertife	1 birgikik DRO mqhnvhaarpaphiraahhhshshahmhlhpgmeqhlgpslqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqsaavaaagaayhhgninsnsgsnissnsnqmqkirqqh
ر مرسوس با دو هر )	121 DRO qhlesengllgnqppgqafnplagnpaalaynqlpphhhmaahlgeyaappphyymeqakpakynhygenanenegennenenyapkailqntyrnqkvvvppvvqevtpvpapp CEL mqavfet
	241 RO vttnnattnstsnstviasepvtqedtsqkpetrqepasaddhvstgnidatgalsnedtsssgrggkdktg
	CEL tltqkmdgvmivqetttdladtlenasisaekseqkperlhpqhwcgqhkfeadsptnfydytnakekeksamorvaeiarfnklrhvynlqdesgpahkklftvklvlteaetfegsgt
	360 DRO kikkaqhlaaskaisstmykhpppkirrsssggpmrthitptvelnalamklggrtfyl-ldptqipptdsivppefagghlltapgpgmpqpppppsyalrgrlgngfvpipsgpmhph
Homory	HUM  MCLGRCPMYRDVBRADBTYNYN
	479 × RBD2< × RBD3
	UNO KINGPOOKEPEKEALPPPAGENVONGPROPROPROPRATULIVGKOKKYGIGEKINGARAKRALANIKAKATORISESSEALS-GEMOSGOKKEDISGVASIGIKENMTV
	.:: .:: .:: .: .: .: .: .
	) Cupa
	<pre>fkvlreegpahmknfitacivgsivtegegngkkvekkraaekmlvelgklppltptkgtplkrikv</pre>
	HUM NFEVARESGPPHHENFUTKVSVGEFVGEGEGKSKKIBKGQAAIAVIZELLKGCLPPL-PAVERVKPRIKKKTKPIVKPQT-SPEY
	afvtegnvvkaeavgkgkkkkeaggeactgllatvehltpennpvalatnvcktgkklaamnrep V VG G SKK AK AA AL L M

FIGURE 1'

696 >RBD4<	RBD4<
pkdklidmddadnpitkliglqqtrkekepifeliakngnetarrrefvmevsasgstargtgnskklakrnaaqa	lakrnaaqalfelleavqvtptnetqsseecctsatmsavtapaveataegk
HUMGOGINPISBLAQIQQAKKKKEPEYTLLTERGLPRREEFVAGVKVGNHTAEGTGTNKKVAKRNAAENMLEILGFKVPQRQPTKPALKSEEKTPIKKPGDGRKVTFFDPGS	: : : : : : :
1	::::::::::::::::::::::::::::::::::::
E R II R X	
818 DRO vpmvatpvgpmpgililrqnkkpakkrdqivivksnveskeeeankevavaaeensnnsanegdssnssgdsgateaasesalntstgsntsgvssnssnvgantdgnnhaesknntes	segdsqateaasesalntstgsntsgvssnssnvgantdgnnhaesknntes
HUM CDENGTSNKEDEFRMPYLSHQQLPAGILPMVPEVAQAVGVSQGHHTKOFTRAAPNP-AKATVTAMIARELLYGGTSPTAETILKANISSGHVPHGPLTRPSCEL svetsepdtseaaqispeqtdisekrelspdtekrutfnsqvhacpppgdqdypnsivqslkkdaivegkirlkrskenrraltaeqivelseraqsylqtknttiqssqssahCEL svetsepdtseaaqispeqtdisekrelspdtekrutfnsqvhacpppgdqdypnsivqslkkdaivegkirlkrskenrraltaeqivelseraqsylqtknttiqssqssahCC	AMIARELLYGGT8PTAETILKONISSGHVPHGPLTRPS 
938 DRO senstentgsagvhmkeqllylsklldfevnfadypkgnhnefltivtlsthppqichgvgksseesqndaasnalkilsklglnnamk*	RBD5< mdaasnalkileklglnnamk*
KOFPKANKAE FVSLINCSS	
CELhhleqladffkfalqytafpqvgidqhftivaigleaplvghqtgcstteadenaaldaiaklkelsaskt*  C G BKK AK AA AL L	. :::. :::
B)	
230 Stalfen gekydoropikdalkgeektpikkdarkytefdragdengiankedeffildyishooldagildmydevaoavgybochtigdfiraadndakaiyta	323 SOLPAGILDAMVEVAOAVGVBOGHHTMDETRAAPNPAKATVTA
	SVEKAAKPITIPEVKAARGEEKDKETKNAANASASKSAKTATA 2337

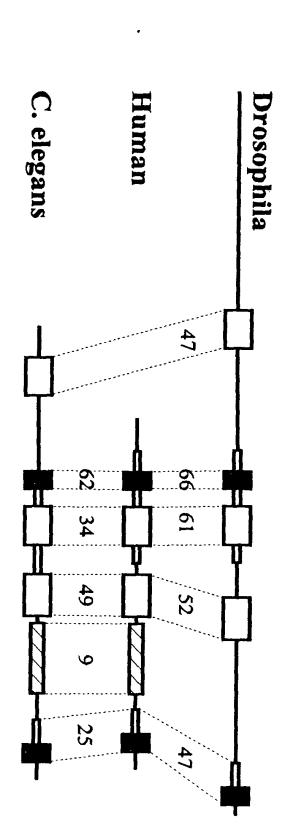
k:

>RBD4

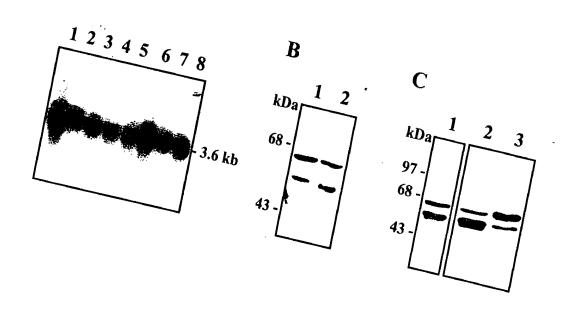
698

FIGURE 1' (cont'd)

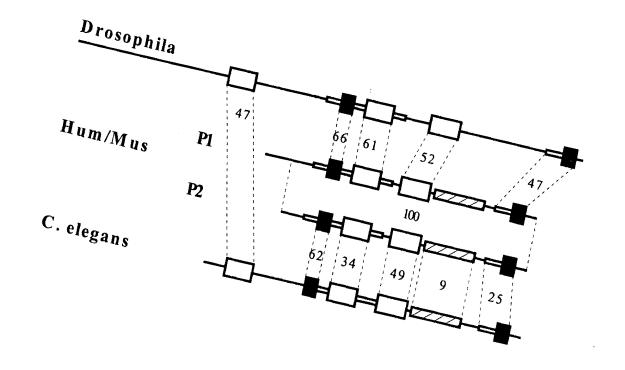
FIGURE 1' (cont'd)



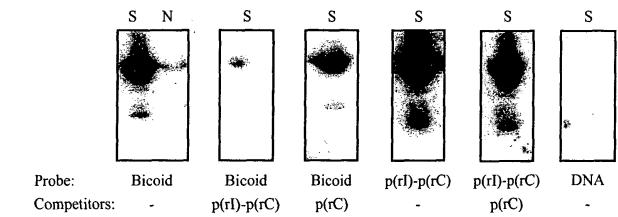
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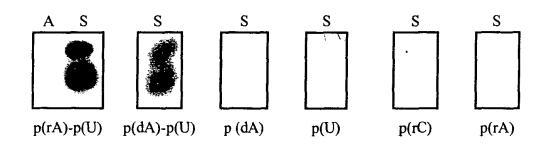


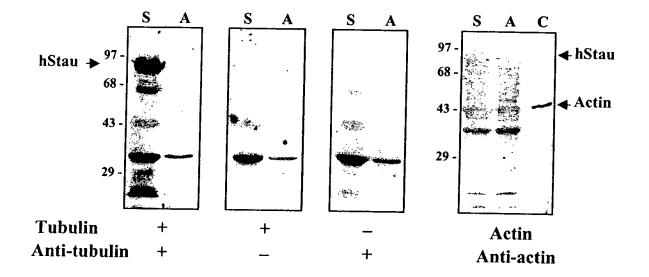


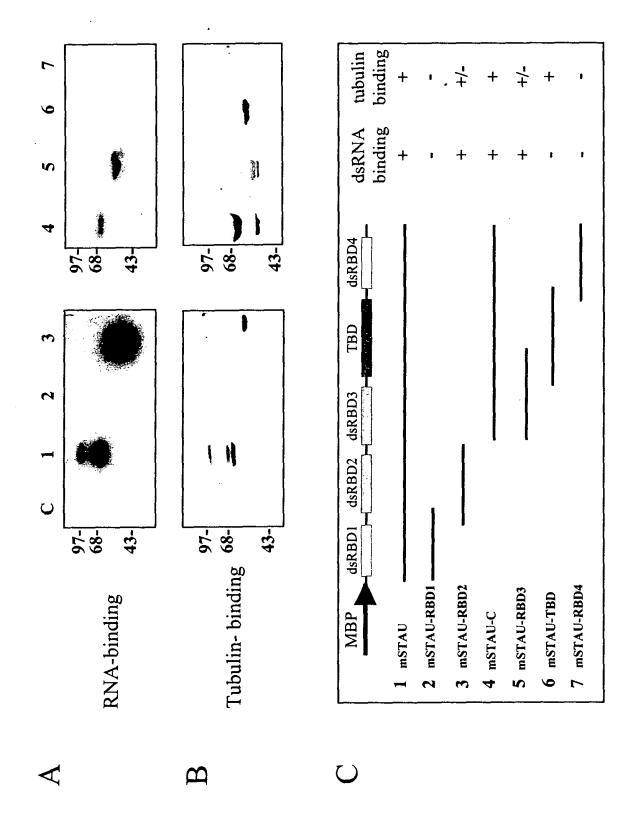


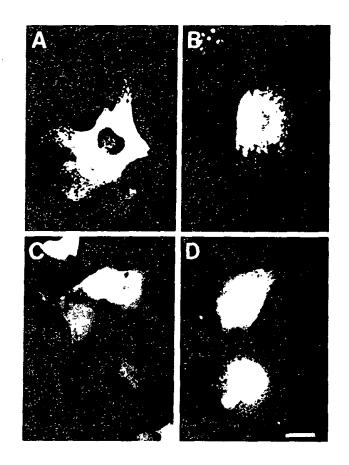
B

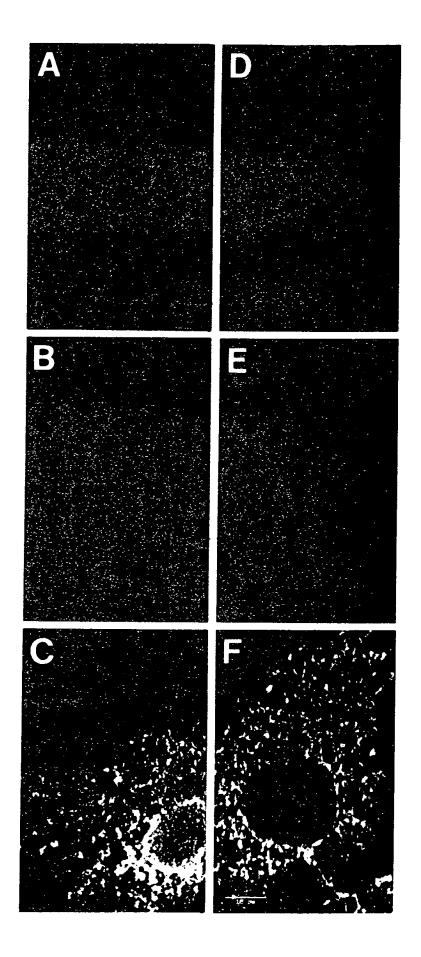
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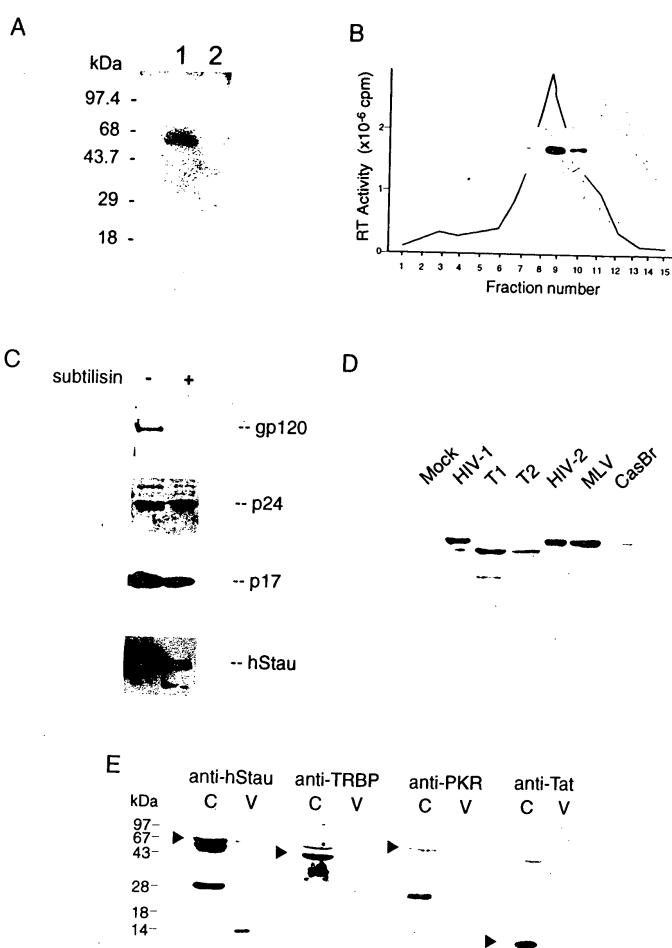












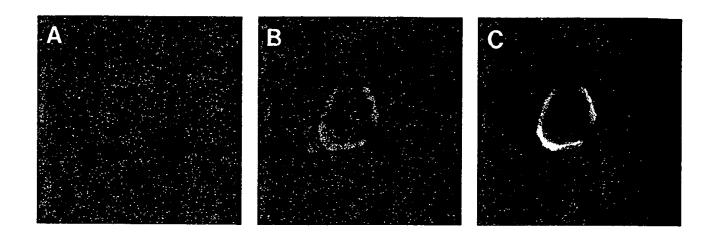
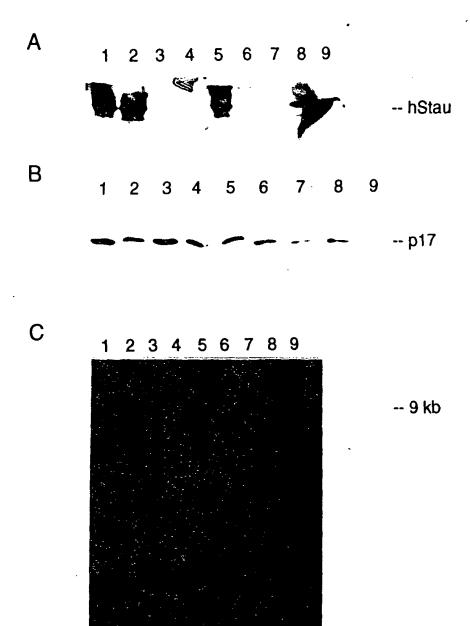


FIGURE 9



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